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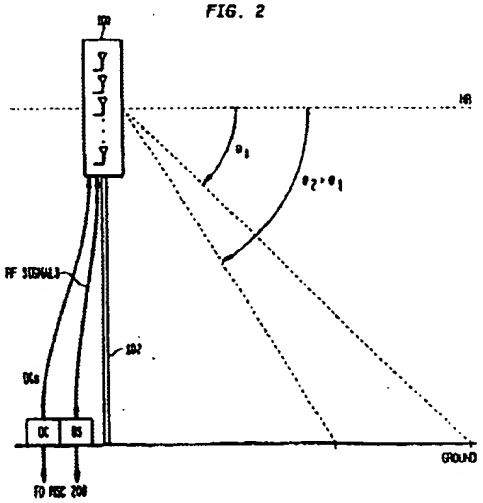
(54) System and method for controlling antenna downtilt/uptilt in a wireless communication network

(57) The wireless communication system includes antennas having electrically controllable downtilt angles and downtilt controllers associated with each antenna. The downtilt controllers receive instructions from a main controller, and adjust the downtilt angles of the associated antennas in accordance with the received instructions.

FIG. 2



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MULTI-NODE WIRELESS COMMUNICATION SYSTEM WITH MULTIPLE TRANSPONDING PLATFORMS

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COHERENT SYNCHRONIZATION OF CODE DIVISION MULTIPLE ACCESS SIGNALS

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